

10/578700

Sequence Listing.ST25
SEQUENCE LISTING

IAP12 Rec'd PCT/PTO 09 MAY 2006

<110> BioVentures, Inc.
Dawson, Elliot P.
Womble, Kristie E.

<120> Method and Substances for Diagnosing Dyslexia

<130> 14160-1PCT

<150> 60/520,366

<151> 2003-11-14

<160> 25

<170> PatentIn version 3.2

<210> 1

<211> 3664

<212> DNA

<213> Homo sapiens

<400> 1

```
gaattaagca ttttagcatt ctttattaat ttttcaaagt cactaggacc aaggataaca      60
attcatcatg tgcatacaag gccattctgt gtttcctact cttgccttgg gctcatcatt      120
attaatctgg aattccattt gttcttcact ttttgaatat gtctgttttag ttgactgtag      180
tgccactggc aggaccatgt gcccaggaaa tccaagactc atatttggac gaaagctatg      240
tccacttttc aactagtacc cctacccaaa ttaccatagc aacccaaaaa ttgcagatgc      300
ctacattcta gaatcatggt ctaaagggat gtcatcattt acaaaatgtc tttgttgagt      360
ctgaatgggt caaacaatag caaaaaagga ttatttctct cttggacatt tcaaagtact      420
atgacacaaa atatccaaga cttgttatgg tgaggagcca agtggaatgg aaaggacagc      480
tcatcccggc ggctgggagt gcatgcacac acatgcccc tttttcttgc ctactaacag      540
gatctataga aggcgtacat aatgagtatg taggggactt ggctgctttc agttaggaat      600
gagacactga tatggttgga atatagtaag agaaaaaggg aggtctttct taaaaaacgg      660
ttttgtgtaa aaatagagat ggcacttaat ggatatcata ttagcaggct ccctggacaa      720
atacatagag ccaaaacttc tcatcgatta gccacctctt caagtttagg ggttgaaaat      780
ctgaaacaac tacaacatg gtatctctct gaaaaggaga taacgtaaaa gttatcacat      840
attaatataa tgtgtatgaa taaattgaca agctggttag aaattagaaa taaaagtctt      900
gaggcaataa aagaggtaat aacataggca aaaagagctc ttcttctgga gagtggttgt      960
agatggagta aacaagttta ggtactgaac tgagaatagc acatggatag accaattgtg     1020
gatgaaggag actaaagaga ggtttaacga atattgaaat gaacctccag gtaggttgta     1080
tttattagtt tgctgggaac aagctgcttt tctctctcct gtgaagcagg aaggcaaatt     1140
tctagtggct ttccaaagga aatgggaaat ctaaggaaat ggtttgatac cagagtgttc     1200
```

Sequence Listing.ST25

tccttaggtt tattttaatg atggacttaa agatactttc ctatactcat gagctatggt	1260
gtctctgata ttcttttggt tattttacca aaaagataga atagggtgcca caagtattaa	1320
aaattttaga ctcttcagag cattacaaaa aacaagcaca aaatagaagc ctaatatgca	1380
gggaaagtca ctgaccatgc ccttggtact gctgattgta ttgcagagca agagatggac	1440
cctgagggtg cttgaagcca acaagtttca cttctggaaa aagacttcag aatatgagtt	1500
taaaatataa aaagggaatt tgagccaaga cacaagaaca aacttttttt gacaattata	1560
tctttattat tcctcttaca gagctacatt tactcttact aagtttcaga gtcaggtagt	1620
aatttacagt aagactgaat taccatccat aacgtagat gtccttattg aaacttcaac	1680
atcatttcca aatatcagca ttagcattgt gcttgacatt catttaacga agttactgaa	1740
aatctattaa gtataagaca tcagttatgt ttaatagaag tttctgaaaa catttcagca	1800
aaatagcctg ttgagaaaaa tgtgtatgct gaaaaaaaaa aatgaacaaa taggaaagcc	1860
tggttcacaa acaggtgtca gggaaataga cagtactttt atagtaataa cataagaaca	1920
aacttcttga aggtaagttt tattaataaa taggacaaca acaagataaa atgacttctt	1980
cctgatattt atatattgat tgctggctgg tcataagact gtttttaggc aacgtgtttt	2040
gaaaaaccag aaagtctact accttgagtt ttcagccacg tgagaatagc aagattcagt	2100
gtttatactt gatagcatct taattaggcc tacaggcctc cttttcacat aactaccttc	2160
aagtttatga cagctcaaac tcacaattat cattatggag aagagagaag agttaagcta	2220
aaaacagacc actttcagag gacctgaaag caacgtaatc agtcacctat tgccatatac	2280
aagccacccc caaacataat gacttaaaac agcgatcatc tattattgct tatgagtctc	2340
tgagtcagct gaacattcct gctgatctgg gcttggttag gcttatttta gctgtgttca	2400
ttcttggtct gcagatagct gacaatcacc taggggctga ctgtaggcat tccagctgag	2460
atatgctctc tgtgtctttt atccttttagc aggaggaggc ttgctcacag ggtggttaca	2520
ggcatccaag agagtcagca taaatgtgaa aagtttcaa aatatcagat tcagtcctat	2580
gtaatctggt ttccattgca ttctcttggc cagagcaagt tgcaagacaa gtccaaattc	2640
aagaagggtca agaaatacac tccatctcca ggtaggagaa gctgcaaaga actgtgacaa	2700
tctatgacaa atagtatggt caaaggggaat aatatgggaa gatgtgccct ccgccaactt	2760
ctcagggaaa aatacagctt ttgtaatat tagtaatata gactgtctaa tatttctaga	2820
gaaatctatg actttgagtt gaaatatctg aggccaacac tccaagcaat tttaaacaag	2880
tggtgacaga aattaccaga cacacatcaa gactcaagta taaagctata caatttaagg	2940
atgctcagca aatgttactg aattgactgg gtagtccta aagagctgaa gaataaaaga	3000
tgttatgaga aatccaacaa taccaaatat aaattgcctc aggttctgaa atattcaata	3060
aagtattctc actgtagttc cttcagctta gctgatttgg actttggctg tgaaaacatt	3120

Sequence Listing.ST25

atcctcagtg tttaaaaggt tggaaaattc tactgggtct ttggccaac ctggaattaa 3180
 atcctgatgc ttagaacctc aaagtctaaa atcttctatt gtcactttac agagctattg 3240
 aaacatatta ataaacttgt atcatactga tttgattcta atttttgtgg gacattgttt 3300
 aaaaattgtt gaaatgcata tatggaaaat tgatttttta agtaaatagt taacttttaa 3360
 aattgtatcc tacatctaac tccaaataaa ggtttaaaaa caactatgag caatataagt 3420
 aatacattta aaatacattt aagagaaaaga taaggaaaaa aggaatgact catgaagggt 3480
 agtacacaat ctatgcatct tgaatatttg cacacttacc aagtatttgg ctccagggtt 3540
 tctggcagct aatgcaaaga gaggaacaga atcaagtttc atggtattat ctggtagact 3600
 gtggaagcta tagcatttct gcccctcat gttttcacat tccccttag agaacagcac 3660
 aata 3664

<210> 2
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <223> Artificial Sequence

<400> 2
 actaagaagt gcattagtcg gg 22

<210> 3
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <223> Artificial Sequence

<400> 3
 ttctgtgct ctagcttgct 20

<210> 4
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <223> Artificial Sequence

<400> 4
 tgcaaatact tgctgcaaaa 20

<210> 5
 <211> 20
 <212> DNA
 <213> Artificial

Sequence Listing.ST25

<220>
 <223> Artificial Sequence

<400> 5
 ggttgcctaa tcacgagaaa 20

<210> 6
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <223> Artificial Sequence

<400> 6
 ccaaaggcctt ggtgatttag tggac 25

<210> 7
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <223> Artificial Sequence

<400> 7
 ctagattgaa ggccagaaaa catgc 25

<210> 8
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> Artificial Sequence

<400> 8
 aacatcttag ggcacccctg 19

<210> 9
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <223> Artificial Sequence

<400> 9
 aatgatttaa aatagattag gagca 25

<210> 10
 <211> 62
 <212> PRT
 <213> Homo sapiens

<400> 10

Met val Arg Ser Gln val Glu Trp Lys Gly Gln Leu Ile Pro Ala Ala

1	5	10	15
1	5	10	15

Sequence Listing.ST25

<211> 20
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 14
cccaggaaat ccaagactca 20

<210> 15
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 15
ctccttcac cacaattggt c 21

<210> 16
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 16
tcacgatta gccacctctt c 21

<210> 17
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 17
tgtcaagcac aatgctaata c 21

<210> 18
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 18
ggtttgatac cagagtgttc tcc 23

<210> 19
<211> 21
<212> DNA
<213> Artificial

Sequence Listing.ST25

<220>
<223> Artificial Sequence

<400> 19
gtccttatgac cagccagcaa t 21

<210> 20
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 20
gcattagcat tgtgcttgac a 21

<210> 21
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 21
ctgactctct tggatgcctg t 21

<210> 22
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 22
gtcacctatt gccatataca agc 23

<210> 23
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 23
tgttggcctc agatatttca a 21

<210> 24
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

Sequence Listing.ST25

<400> 24
gctgcaaaga actgtgacaa

20

<210> 25
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Artificial Sequence

<400> 25
ccaaatactt ggtaagtgtg caa

23